

Converting Colors

YUV(131.8590, 31.1285,
49.2357)

Have a look what the booklet for
YUV(131.8590, 31.1285, 49.2357)
contains.

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Color

**YUV(131.8590, 31.1285,
49.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5BC3
RGB	188, 91, 195
RGB Percent	74%, 36%, 76%
CMY	0.2627, 0.6431, 0.2353
CMYK	0.04, 0.53, 0.00, 0.24
HSL	296°, 46%, 56%
HSV	296°, 53%, 76%
XYZ	34.3304, 22.1137, 54.0887
YIQ	131.8590, 24.4280, 52.9080

Conversions

Conversions Part 2

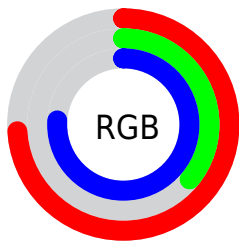
Format	Color
R_{YB}	188, 91, 195
Decimal	12344259
CIE _{Lab}	54.15, 53.72, -37.45
CIE _{LCh}	54, 65.489, 325.118
Yxy	22.1137, 0.3106, 0.2001
Android (android.graphics.Color)	4290534339 (0xFFBC5BC3)
YUV	131.8590, 31.1285, 49.2357
Hunter-Lab	47.0252, 48.0188, -35.2782

Details

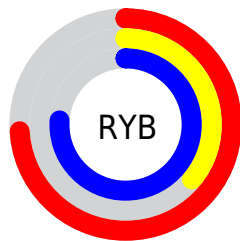
The YUV color **131.8590, 31.1285, 49.2357** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **154.1410, -31.1285, -49.2357**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3970, 31.8493, 51.3948**, and **76.6740, 31.7127, 48.5209** is the 20% darker color. If you saturate the color by 10%, you get **120.4070, 36.7743, 58.4021**, and if you desaturate by 10%, it is **143.3110, 25.4827, 40.0693**.

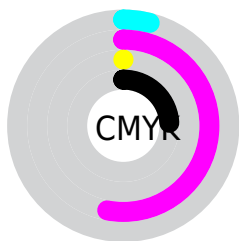
Distribution



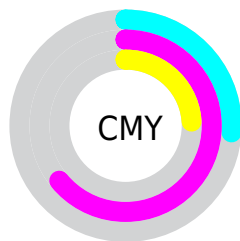
- Red (74%)
- Green (36%)
- Blue (76%)



- Red (74%)
- Yellow (36%)
- Blue (76%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8590, 31.1285, 49.2357 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 131.8590, 31.1285, 49.2357 by changing the saturation by 10% instead.

131.8590, 31.1285,
49.2357

131.8590, 31.1285,
49.2357

255.0000, 0.0000,
0.0000

104.5600, 31.2759,
48.6209

187.3970, 31.8493,
51.3948

76.6740, 31.7127,
48.5209

206.8660, 23.7301,
42.2135

44.5050, 34.7540,
53.0541

223.3020, 15.6271,
27.7991

33.5820, 27.8141,
38.9546

240.3250, 7.2348,
12.8700

23.3710, 21.0161,
25.9846

13.2740, 14.6549,
12.9147

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 131.8590, 31.1285,
49.2357

■ 131.8590, 31.1285,
49.2357

■ 120.4070, 36.7743,
58.4021

■ 143.3110, 25.4827,
40.0693

■ 108.0690, 42.8570,
67.4685

■ 155.6490, 19.4000,
31.0028

■ 96.0300, 48.7922,
77.1497

■ 167.1010, 13.7542,
21.8364

■ 84.5780, 54.4380,
86.3161

■ 179.1400, 7.8190,
12.1552

■ 76.6480, 58.3475,
92.3937

■ 190.8910, 2.0257,
3.6036

■ 202.9300, -3.9095,
-6.0776

■ 214.3820, -9.5553,
-15.2440

■ 226.4210,
-15.4906, -24.9252

■ 231.7150,
-18.1005, -27.8141

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128.1200, 51.7058, -17.6452



131.8590, 31.1285, 49.2357



123.5530, 8.6014, 88.0920

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



131.8590, 31.1285, 49.2357



121.5250, -59.9118, 36.3736



111.0490, 32.0208, -97.3900

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



131.8590, 31.1285, 49.2357



154.1410, -31.1285, -49.2357

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.8500, 6.9760, -91.0764



131.8590, 31.1285, 49.2357



114.7710, -56.5821, -5.0612

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131.8590, 31.1285, 49.2357



123.4580, -44.5958, 70.6353



94.8900, -17.2008, -83.2185



113.9450, 53.2711, -99.9298

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.8590, 31.1285, 49.2357



121.6020, -9.1708, 95.0650



94.8900, -17.2008, -83.2185



108.8830, 23.7217, -95.4904

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



131.8590, 31.1285, 49.2357



227.9220, 11.8705, 19.3624



108.1390, 42.8225, -15.0309



112.7270, 7.5296, 11.6404



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.8590, 31.1285, 49.2357



154.5030, 48.0660, 76.7349



129.0500, 11.3144, 57.8382



90.8310, 3.0413, 4.5332



63.2040, 48.2134, 76.1201



13.0310, 9.8447, 15.7588

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



122.8940, -12.2727, 63.2370



140.3930, -18.9277, 97.8793



156.9500, -11.3143, -57.8381



90.1040, -1.0373, 6.0478



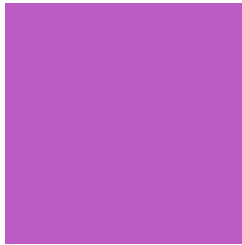
49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 131.8590, 31.1285, 49.2357 looks on a white background.

Color Contrast Check

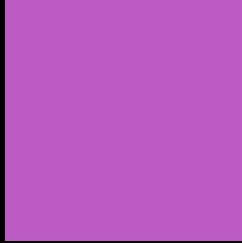
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.8590, 31.1285, 49.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

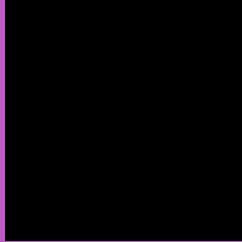
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.8590, 31.1285, 49.2357

Background



This preview shows how black text looks on a background with the YUV color 131.8590, 31.1285, 49.2357.



This preview shows how white text looks on a background with the YUV color 131.8590, 31.1285,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

131.8590, 31.1285, 49.2357

Protanopia

125.8420, 49.8709, -35.8184

Deuteranopia

128.8490, 29.1614, -20.0386



Tritanopia

131.3580, -6.0925, 40.9050

Trichromacy



Original Color

131.8590, 31.1285, 49.2357



Protanomaly

127.9060, 42.9373, -5.1796



Deuteranomaly

129.9430, 30.1011, 5.3120



Tritanomaly

131.6370, 7.5740, 44.1684

Monochromacy



Original Color

131.8590, 31.1285, 49.2357



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.7970, 11.4391, 17.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8590, 31.1285, 49.2357 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 91, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 91, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 91, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 91, 195) }
```

Border

The CSS property to change the border of an element to YUV 131.8590, 31.1285, 49.2357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 91, 195) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 91, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 91, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 91, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 91, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 91,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 131.8590, 31.1285, 49.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 91, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188, 91,  
195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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